Layer (type)	Output Shape	Param #		
input_1 (InputLayer)	(None, 1)	0		
lambda_1 (Lambda)	(None, 512)	0		
dense_1 (Dense)	(None, 128)	65664	· · · · · · · · · · · · · · · · · · ·	
dropout_1 (Dropout)	(None, 128)	0		
dense_2 (Dense)	(None, 1)	129		·
Total params: 65,793 Trainable params: 65, Non-trainable params:	793			
Train on 90000 samples, validate on 15000 samples Epoch 1/20				
90000/90000 [====		=======	==] - 166s 2ms/step	- loss: 0.3686 - acc: 0.8363 - val_loss: 0.3532 - val_acc: 0.8443
•		=======	==] - 163s 2ms/step	- loss: 0.3388 - acc: 0.8516 - val_loss: 0.3332 - val_acc: 0.8545
			==] - 164s 2ms/step	- loss: 0.3297 - acc: 0.8560 - val_loss: 0.3242 - val_acc: 0.8600
Epoch 4/20 90000/90000 [=====		=======	==] - 164s 2ms/step	- loss: 0.3220 - acc: 0.8595 - val_loss: 0.3288 - val_acc: 0.8573
Epoch 5/20 90000/90000 [=====		=======	==] - 163s 2ms/step	- loss: 0.3155 - acc: 0.8626 - val_loss: 0.3169 - val_acc: 0.8650
Epoch 6/20 90000/90000 [=====		========	==1 - 164s 2ms/step	- loss: 0.3112 - acc: 0.8664 - val_loss: 0.3151 - val_acc: 0.8664
Epoch 7/20				- loss: 0.3060 - acc: 0.8685 - val_loss: 0.3155 - val_acc: 0.8645
Epoch 8/20				
Epoch 9/20				- loss: 0.3016 - acc: 0.8707 - val_loss: 0.3093 - val_acc: 0.8699
Epoch 10/20				- loss: 0.2968 - acc: 0.8728 - val_loss: 0.3057 - val_acc: 0.8694
90000/90000 [===== Epoch 11/20		=======	==] - 164s 2ms/step	- loss: 0.2924 - acc: 0.8743 - val_loss: 0.3074 - val_acc: 0.8696
90000/90000 [===== Epoch 12/20		=======	==] - 163s 2ms/step	- loss: 0.2888 - acc: 0.8757 - val_loss: 0.3028 - val_acc: 0.8719
		=======	==] - 163s 2ms/step	- loss: 0.2868 - acc: 0.8773 - val_loss: 0.2999 - val_acc: 0.8716
90000/90000 [====		=======	==] - 163s 2ms/step	- loss: 0.2814 - acc: 0.8794 - val_loss: 0.2999 - val_acc: 0.8709
		=======	==] - 166s 2ms/step	- loss: 0.2790 - acc: 0.8823 - val_loss: 0.2968 - val_acc: 0.8743
		=======	==] - 161s 2ms/step	- loss: 0.2749 - acc: 0.8834 - val_loss: 0.3005 - val_acc: 0.8715
Epoch 16/20 90000/90000 [=====		=======	==] - 162s 2ms/step	- loss: 0.2715 - acc: 0.8851 - val_loss: 0.2942 - val_acc: 0.8751
Epoch 17/20 90000/90000 [=====		========	==1 - 163s 2ms/step	- loss: 0.2677 - acc: 0.8883 - val loss: 0.2922 - val acc: 0.8770
Epoch 18/20				- loss: 0.2649 - acc: 0.8889 - val loss: 0.2955 - val acc: 0.8761
Epoch 19/20				
Epoch 20/20				- loss: 0.2613 - acc: 0.8900 - val_loss: 0.2897 - val_acc: 0.8772
				- loss: 0.2592 - acc: 0.8907 - val_loss: 0.2900 - val_acc: 0.8781

Test score: 0.28522262671788534 Test accuracy: 0.879155555555556

